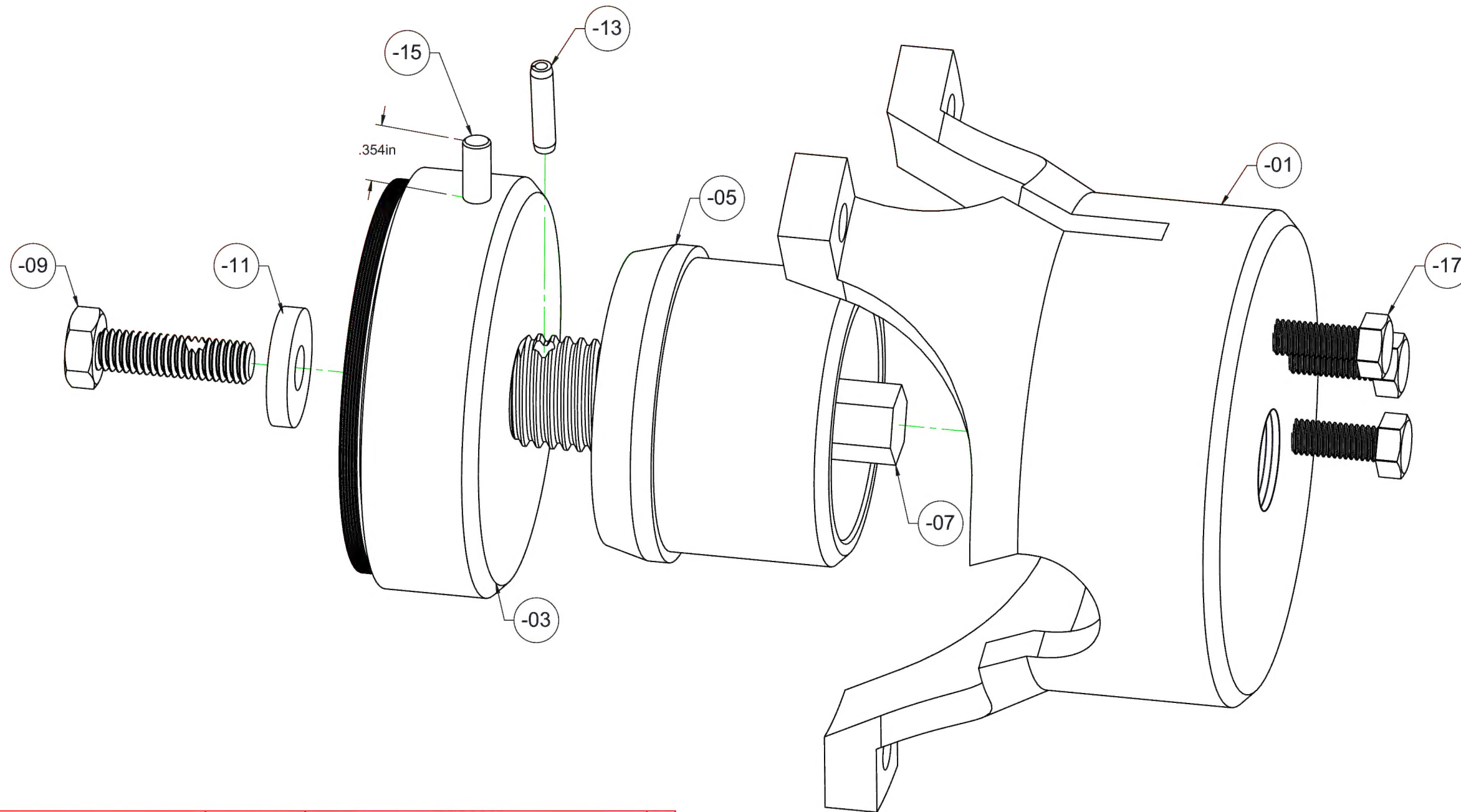



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED -.01 \varnothing .20 FILLET AND DIMENSION TO SLOT CHANGED BOLT CIRCLE DIA WAS 2.626 IS 1.409, -.03 ADDED LIMITS AND DEPTH TO \varnothing .157, -.09 CHANGED .87 TO REF DIM. P/N WAS RBEL65263001102 IS RBEL652G-3001-102, -.01 CH'D MATL WAS 1018 IS HR.	1/3/2013	BIM	GE

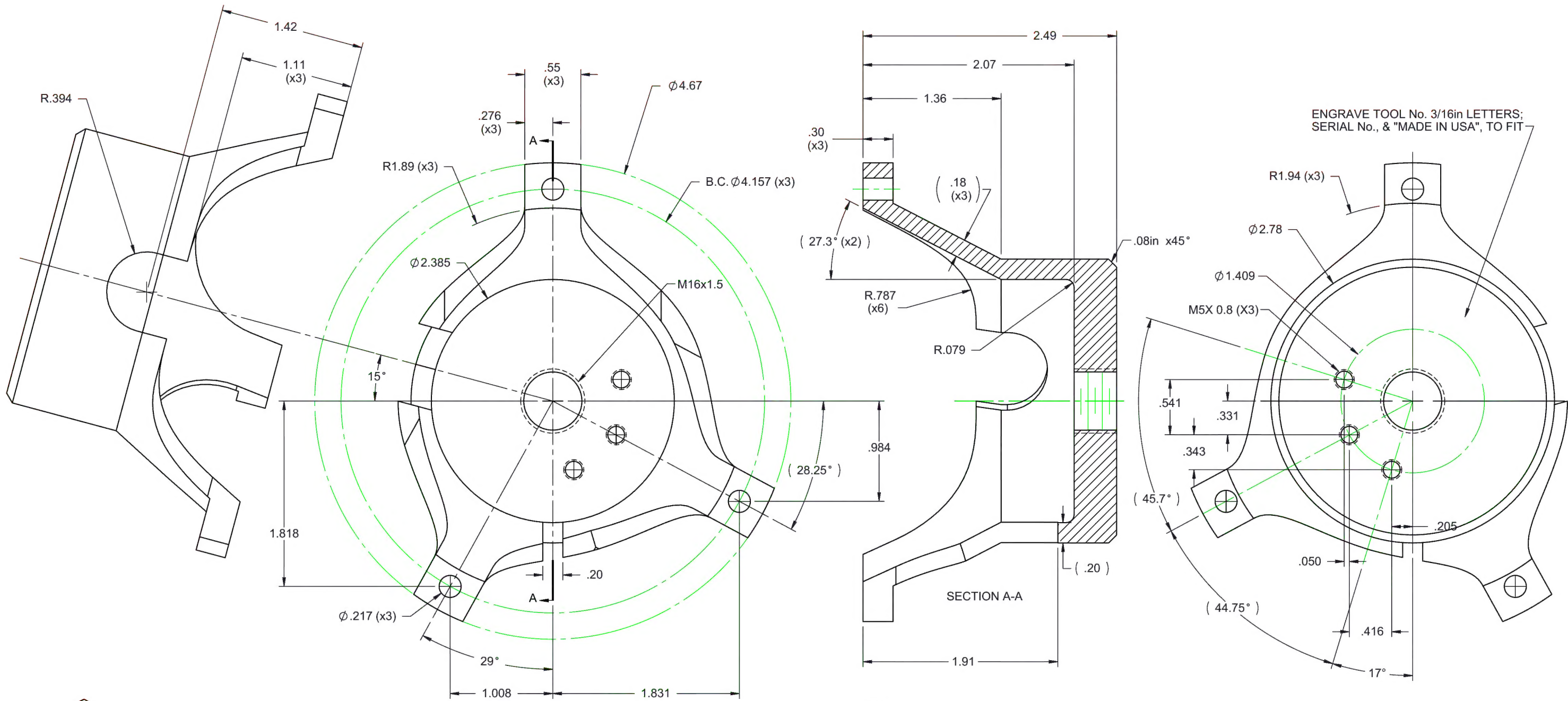


ASSY #	ASSY QTY	B/O	PART #	QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-01	1	RECEIVER	HR	Ø 4-3/4 in x 2-3/4 in	2
			-03	1	CUP	4140 Q&T	Ø 2-1/2 in x 1 in	3
			-05	1	GUIDE	DOM	Ø 2 in x 3/8 wall X 1-5/8 in	3
			-07	1	CENTER SCREW	CLASS 8.8, PLAIN	M16x1.5 x 70mm long MCMASTER-CARR #99055A239	4
			-09	1	SPINDLE BOLT	CLASS 8.8, PLTD	M6x1 x 22mm long MCMASTER-CARR #91280A332	4
		B/O	-11	1	WASHER	STEEL, PLTD	Ø 6.4mm ID. x 3mm thick J. W. WINCO #A82818	1
		B/O	-13	1	ROLL PIN	STEEL, PLAIN	Ø 3mm x 14mm long MCMASTER-CARR #91611A156	1
		B/O	-15	1	DOWEL PIN	STEEL, PLAIN	Ø 4mm x 14mm long MCMASTER-CARR #91595A158	1
		B/O	-17	3	HEX HEAD CAP SCREW	CLASS 8.8, PLTD	M5x0.8 x 16mm long MCMASTER-CARR #91280A226	1
			-	-	-	-	-	-
	ASSY #							

 RED BARN MACHINE			
TITLE			
TAIL ROTOR INPUT SEAL TOOL			
DWG. NO. RBEL652G-3001-102			REV. 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 METRIC X.X ± 0.1mm FRACTIONS ± 1/32 ANGLES ± 5°		DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x .45° R .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL EUROCOPTER EC135	
SCALE	NTS	DATE	7-16-10 SHEET 1 of 6

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED -.01 ϕ .20 FILLET AND DIMENSION TO SLOT CHANGED BOLT CIRCLE DIA WAS 2.626 IS 1.409.	1/4/13	BIM	SE

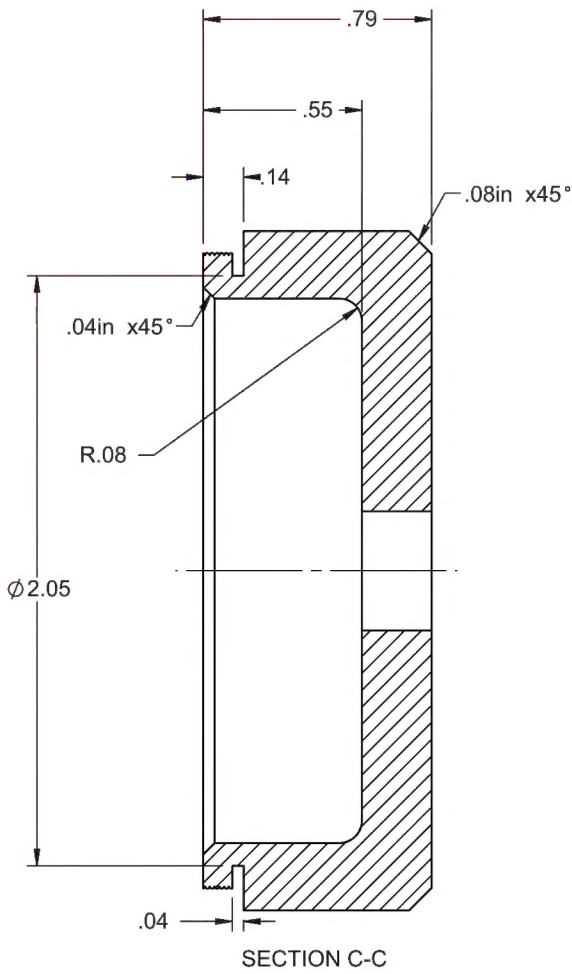
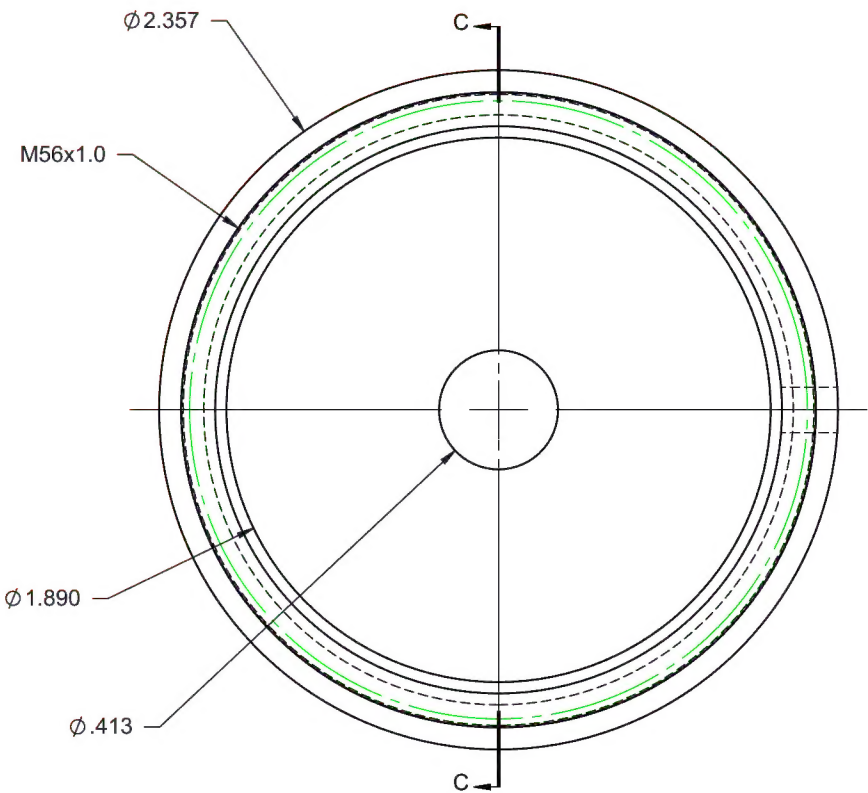
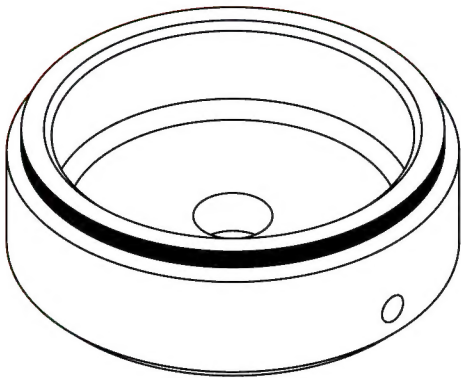


-01
RECEIVER

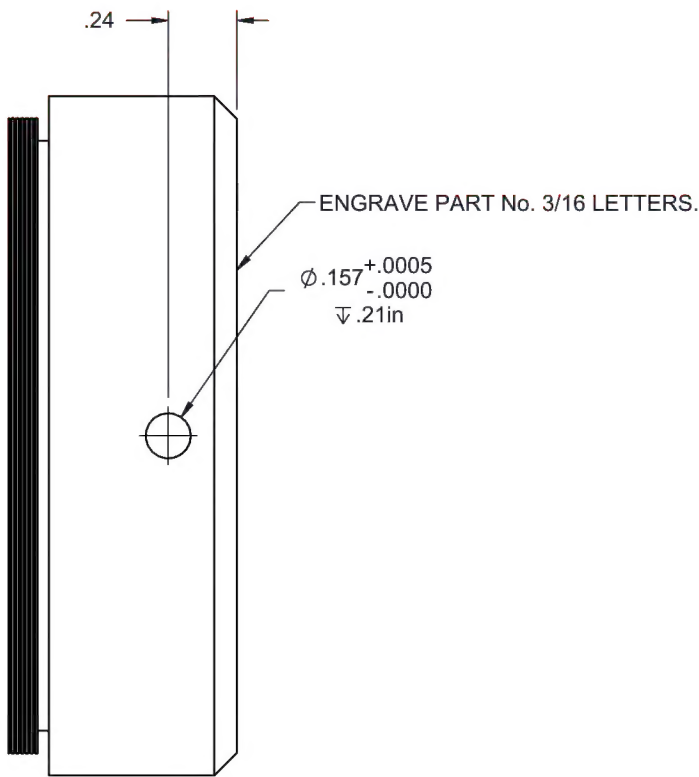
RED BARN MACHINE				
TAIL ROTOR INPUT SEAL TOOL; RECEIVER				
DWG. NO.	RBEL652G-3001-102-01			REV
				1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT		
TOLERANCES ON:		APPROVED		
DECIMALS		HEAT TREAT		
.XXX ± .005	METRIC X.X ± 0.1mm	FINISH		
.XX ± .01	FRACTIONS ± 1/32	CAD YELLOW PLATE		
.X ± .1	ANGLES ± 5°	SPEC QQ-P-416F, TYPE II, CLASS II		
UNLESS OTHERWISE SPECIFIED		USED ON MODEL		
1. BREAK ALL SHARP EDGES		EUROCOPTER EC135		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
SCALE	NTS	DATE	7-16-10	SHEET
				2 of 6

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED FIT AND DEPTH TO ϕ .157 DIM	1/3/2013	BIM	GE



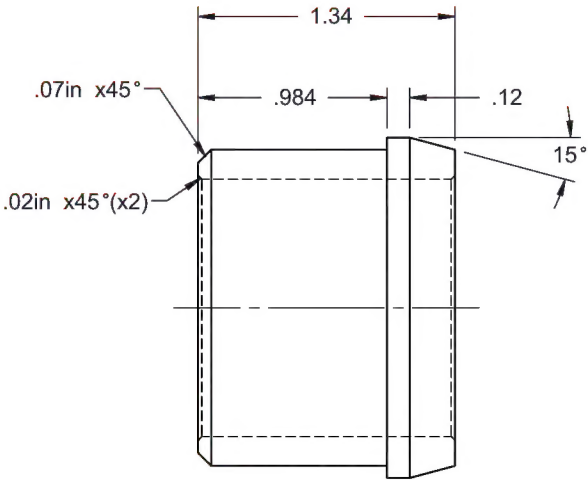
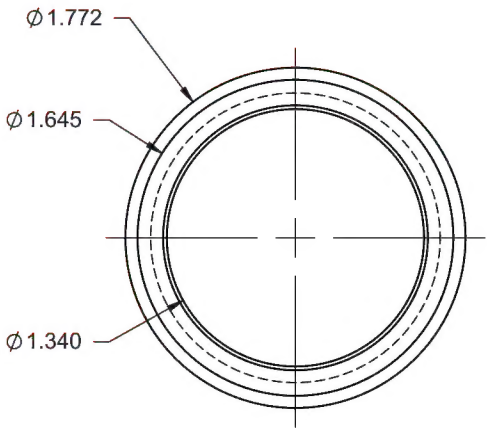
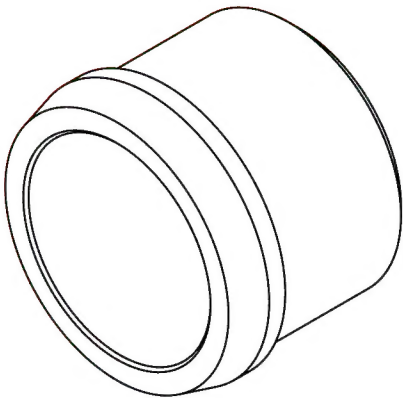
-03
CUP



RED BARN MACHINE				
TITLE TAIL ROTOR INPUT SEAL TOOL; CUP & GUIDE				
DWG. NO.	RBEL652G-3001-102-03			REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT		
TOLERANCES ON:		APPROVED		
DECIMALS		TREAT		
.XXX \pm .005		FINISH		
.XX \pm .01		CAD PLATE YELLOW		
.X \pm .1		SPEC		
METRIC X.X \pm 0.1mm		QQ-P-416F, TYPE II, CLASS II		
FRACTIONS \pm 1/32		USED ON MODEL		
ANGLES \pm 5°		EUROCOPTER EC135		
UNLESS OTHERWISE SPECIFIED		SCALE		
1. BREAK ALL SHARP EDGES		NTS		
.015 \times 45° PR .015 R		DATE		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		7-16-10		
		SHEET		
		3 of 6		

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED NOTE TO Ø .157 DIM (4mm PIN).	1/3/2013	BIM	GE



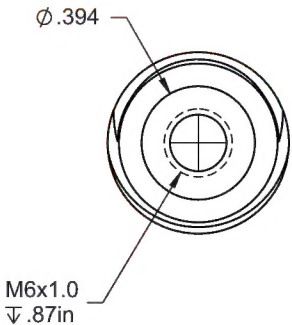
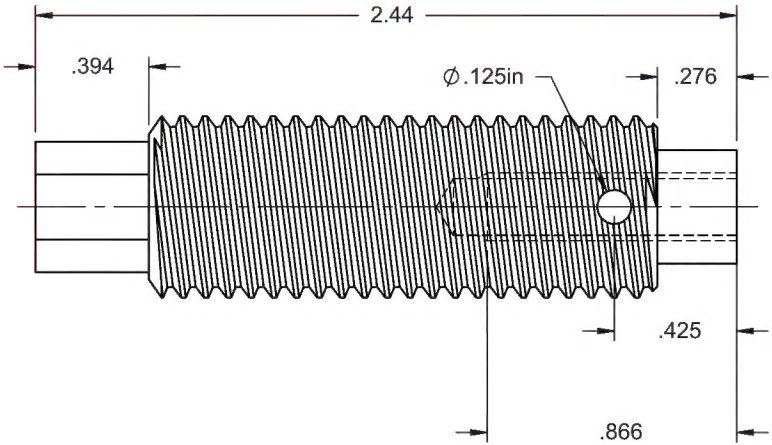
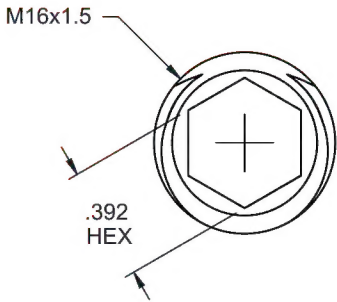
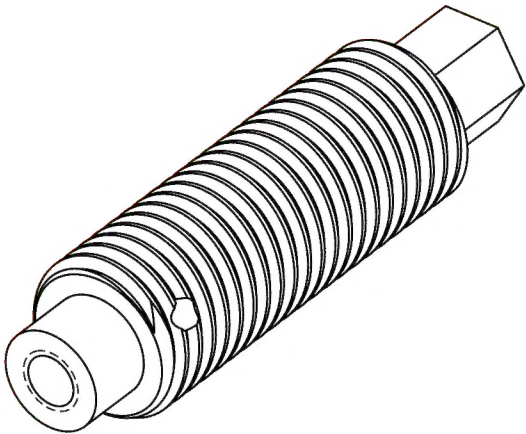
-05

GUIDE

RED BARN MACHINE			
TITLE		TAIL ROTOR INPUT SEAL TOOL; CUP & GUIDE	
DWG. NO.	RBEL652G-3001-102- 05	REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY:	PERRITT
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT	
.XXX ± .005	METRIC X.X ± 0.1mm	TREAT	
.XX ± .01	FRACTIONS ± 1/32	FINISH	CAD PLATE YELLOW
.X ± .1	ANGLES ± 5°	SPEC	QQ-P-416F, TYPE II, CLASS II
UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES		EUROCOPTER EC135	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	7-16-10
		SHEET	4 of 6

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED .87 DIM TO REF DIM.	1/3/2013	BIM	GE

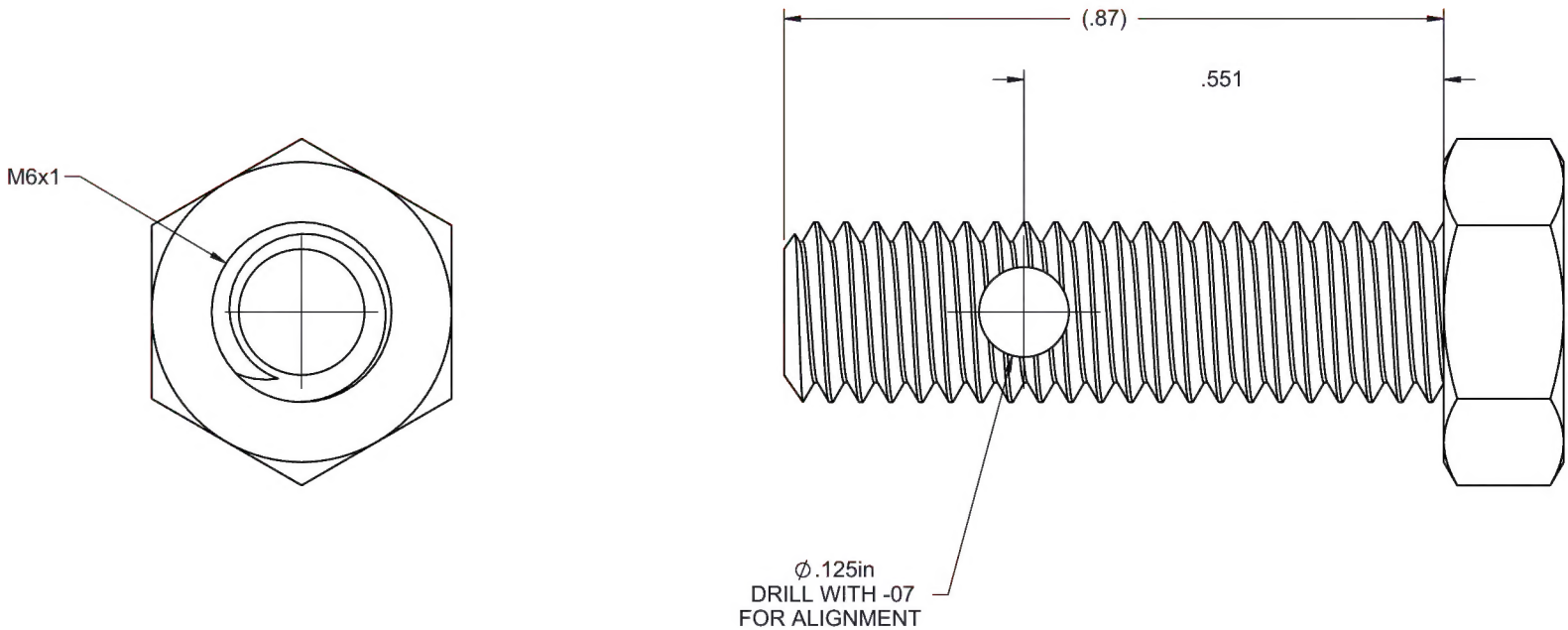
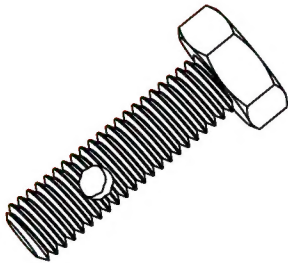


-07
CENTER SCREW

RED BARN MACHINE				
TITLE TAIL ROTOR INPUT SEAL TOOL; PARTS				
DWG. NO. RBEL652G-3001-102-07		REV 1		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT		
TOLERANCES ON:		APPROVED		
DECIMALS .XXX ± .005		HEAT TREAT		
.XX ± .01		FINISH CAD PLATE YELLOW		
.X ± .1		SPEC QQ-P-416F, TYPE II, CLASS II		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R		USED ON MODEL		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		EUROCOPTER EC135		
SCALE NTS	DATE 7-16-10	SHEET 5 of 6		

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED .87 DIM TO REF DIM.	1/3/2013	BIM	GE



-09
SPINDLE BOLT

RED BARN MACHINE			
TITLE TAIL ROTOR INPUT SEAL TOOL; PARTS			
DWG. NO.	RBEL652G-3001-102-09	REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES		EUROCOPTER EC135	
.015 x 45° PR .015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	7-16-10
		SHEET	6 of 6